

SEQUENCE LISTING

<110> WANG, Zhongmin

<120> CHALAROPSIS LYSOZYME PROTEIN AND ITS METHOD OF . . .

<130> P07913US01/BAS

<140> 10/566.243

<141> 2006-01-30

<150> PCT/US2004/024414

<151> 2004-07-30

<150> 60/490.984

<151> 2003-07-30

<160> 2

<170> PatentIn version 3.2

<210> 1

<211> 207

<212> PRT

<213> Chalaropsis sp.

<400> 1

Thr Val Gln Gly Phe Asp Ile Ser Ser Tyr Gln Pro Ser Val Asn Phe
1 5 10 15

Ala Gly Ala Tyr Ser Ala Gly Ala Arg Phe Val Ile Ile Lys Ala Thr
20 25 30

Glu Gly Thr Ser Tyr Thr Asn Pro Ser Phe Ser Ser Gln Tyr Thr Gly
35 40 45

Ala Thr Asn Ala Gly Phe Ile Arg Gly Gly Tyr His Phe Ala His Pro
50 55 60

Gly Glu Thr Thr Gly Ala Ala Gln Ala Asp Tyr Phe Ile Ala His Gly
65 70 75 80

Gly Gly Trp Ser Gly Asp Gly Ile Thr Leu Pro Gly Met Leu Asp Leu
85 90 95

Glu Ser Glu Gly Ser Asn Pro Ala Cys Trp Gly Leu Ser Ala Ala Ser
100 105 110

Met Val Ala Trp Ile Lys Ala Phe Ser Asp Arg Tyr His Ala Val Thr

. :
. :

115					120					125						
Gly	Arg	Tyr	Pro	Met	Leu	Tyr	Thr	Asn	Pro	Ser	Trp	Trp	Ser	Ser	Cys	
130					135					140						
Thr	Gly	Asn	Ser	Asn	Ala	Phe	Val	Asn	Thr	Asn	Pro	Leu	Val	Leu	Ala	
145					150					155					160	
Arg	Tyr	Ala	Ser	Ala	Pro	Gly	Thr	Ile	Pro	Gly	Gly	Trp	Pro	Tyr	Gln	
165					170					175						
Thr	Ile	Trp	Gln	Asn	Ser	Asp	Ala	Tyr	Ala	Tyr	Gly	Gly	Asp	Ser	Asn	
180					185					190						
Ile	Phe	Asn	Gly	Ser	Ala	Asp	Asn	Leu	Lys	Lys	Leu	Ala	Thr	Gly		
195					200					205						
<210> 2																
<211> 211																
<212> PRT																
<213> Chalaropsis sp.																
<400> 2																
Thr	Val	Gln	Gly	Phe	Asp	Ile	Ser	Ser	Tyr	Gln	Pro	Ser	Val	Asn	Phe	
1				5				10				15				
Ala	Gly	Ala	Tyr	Ser	Ala	Gly	Ala	Arg	Phe	Val	Ile	Ile	Lys	Ala	Thr	
20					25					30						
Glu	Gly	Thr	Ser	Tyr	Thr	Asn	Pro	Ser	Phe	Ser	Ser	Gln	Tyr	Asn	Gly	
35					40					45						
Ala	Thr	Thr	Ala	Thr	Gly	Asn	Tyr	Phe	Ile	Arg	Gly	Gly	Tyr	His	Phe	
50				55				60								
Ala	His	Pro	Gly	Glu	Thr	Thr	Gly	Ala	Ala	Gln	Ala	Asp	Tyr	Phe	Ile	
65				70				75				80				
Ala	His	Gly	Gly	Gly	Trp	Ser	Gly	Asp	Gly	Ile	Thr	Leu	Pro	Gly	Met	
85					90					95						
Leu	Asp	Leu	Glu	Ser	Glu	Gly	Ser	Asn	Pro	Ala	Cys	Trp	Gly	Leu	Ser	
100					105					110						

Ala Ala Ser Met Val Ala Trp Ile Lys Ala Phe Ser Asp Arg Tyr His
115 120 125

Ala Val Thr Gly Arg Tyr Pro Met Leu Tyr Thr Asn Pro Ser Trp Trp
130 135 140

Ser Ser Cys Thr Gly Asn Ser Asn Ala Phe Val Asn Thr Asn Pro Leu
145 150 155 160

Val Leu Ala Asn Arg Tyr Ala Ser Ala Pro Gly Thr Ile Pro Gly Gly
165 170 175

Trp Pro Tyr Gln Thr Ile Trp Gln Asn Ser Asp Ala Tyr Ala Tyr Gly
180 185 190

Gly Ser Asn Asn Phe Ile Asn Gly Ser Ile Asp Asn Leu Lys Lys Leu
195 200 205

Ala Thr Gly
210